

2019 Current Fiscal Year Report: Technical Mapping Advisory Council (FEMA)

Report Run Date: 06/05/2019 02:48:17 PM

1. Department or Agency		2. Fiscal Year	
Department of Homeland Security		2019	
3. Committee or Subcommittee		3b. GSA Committee No.	
Technical Mapping Advisory Council (FEMA)		2474	
4. Is this New During Fiscal Year?	5. Current Charter	6. Expected Renewal Date	7. Expected Term Date
No	08/03/2017	08/03/2019	
8a. Was Terminated During FiscalYear?	8b. Specific Termination Authority	8c. Actual Term Date	
No	None		
9. Agency Recommendation for Next FiscalYear	10a. Legislation Req to Terminate?	10b. Legislation Pending?	
Continue	Not Applicable	Not Applicable	
11. Establishment Authority Statutory (Congress Created)			
12. Specific Establishment Authority	13. Effective Date	14. Committee Type	14c. Presidential?
Section 100215 of Public Law 112-141; 42 USC 4101a	07/29/2013	Continuing	No
15. Description of Committee Other Committee			
16a. Total Number of Reports	No Reports for this FiscalYear		
17a. Open Meetings and Dates	17b. Closed Meetings and Dates	17c. Partially Closed Meetings and Dates	17d. Total Meetings and Dates
No Meetings			

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$0.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$0.00	\$0.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$0.00	\$0.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$0.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$0.00	\$0.00

18d. Total	\$0.00	\$0.00
19. Federal Staff Support Years (FTE)	0.00	0.00

20a. How does the Committee accomplish its purpose?

Provides recommendations to the Administrator on certain aspects of FEMA's flood risk mapping activities:A.) How to improve in a cost-effective manner the: 1.) Accuracy, general quality, ease of use, and distribution and dissemination of flood insurance rate maps and risk data; and 2.)Performance metrics and milestones required to effectively and efficiently map flood risk areas in the United States.B.) Mapping standards and guidelines for: 1.)Flood Insurance Rate Maps (FIRMs); and 2.)Data accuracy, data quality, data currency, and data eligibility;C.) How to maintain, on an ongoing basis, FIRMs and flood risk identification; andD.) Procedures for delegating mapping activities to State and local mapping partners.

20b. How does the Committee balance its membership?

Pursuant to section 100215(b)(1), the TMAC includes four members designated by statute and sixteen appointed members. The four designated members of the Council serve as Regular Government Employees and consist of:1) The Administrator or the designee thereof; 2) The Secretary of the Interior or the designee thereof; 3) The Secretary of Agriculture or the designee thereof;4) The Under Secretary of Commerce for Oceans and Atmosphere or the designee thereof.The sixteen additional members of the Council are appointed by the Administrator or designee. These members are appointed based on their demonstrated knowledge and competence regarding surveying, cartography, remote sensing, geographic information systems, or the technical aspects of preparing and using FIRMs. To the maximum extent practicable, the membership of the Council will have a balance of Federal, State, local, tribal and private members, and include geographic diversity including representation from areas with coastline on the Gulf of Mexico and other States containing areas identified by the Administrator as at high risk for flooding or as areas having special flood hazard areas. These members are selected from among the following professional associations or organizations:a.) One member of a recognized professional surveying association or organization; b.) One member of a recognized professional mapping association or organization; c.) One member of a recognized professional engineering association or organization;d.) One member of a recognized professional association or organization representing flood hazard determination firms;e.) One representative of the United States Geological Survey;f.) One representative of a recognized professional association or organization representing State geographic information;g.) One representative of State national flood insurance coordination offices;h.) One representative of the Corps of Engineers;i.) One member of a recognized regional flood and storm water management organization;j.) Two representatives of

different State government agencies that have entered into cooperating technical partnerships with the Administrator and have demonstrated the capability to produce FIRMs;k.) Two representatives of different local government agencies that have entered into cooperating technical partnerships with the Administrator and have demonstrated the capability to produce flood insurance maps;l.) One member of a recognized floodplain management association or organization;m.) One member of a recognized risk management association or organization;n.) One State mitigation officer.The non-Federal members in a., b., c., d., i., l., m., and n. serve as Special Government Employees as defined in Title 18, United States Code, section 202(a). The members in e., and h., serve as Regular Government Employees. The non-Federal members in f., g., j., and k. serve as representatives of their respective associations or organizations and are not Special Government Employees as defined in Title 18 of United States Code, section 202(a). The sixteen appointed members serve terms of office of two years. However, up to half (eight) of those initially appointed to the Council may serve one-year terms to allow for staggered turnover. Appointments may be renewed once for a full two-year term. A member appointed to fill an unexpired term shall serve the remainder of that term and may be reappointed once for up to a full two-year term. In the event the Council terminates, all appointments to the Council will terminate.

20c. How frequent and relevant are the Committee Meetings?

Estimated Number of Meetings per Year - 6 Estimated

20d. Why can't the advice or information this committee provides be obtained elsewhere?

As mandated by the Biggert-Waters Flood Insurance Reform Act of 2012, and the Homeowner Flood Insurance Affordability Act of 2014, The TMAC will be responsible for delivering three reports to the FEMA Administrator, including: Flood Mapping Review Report: A review report related to flood mapping in support of the NFIP. Summer or Fall of 2016. •Future Conditions Risk Assessment and Modeling Report: A report with recommendations on how to ensure that Flood Insurance Rate Maps (FIRMs) incorporate the best available climate science to assess flood risks and ensure that FEMA uses the best available methodology to consider the impact of the rise in sea level and future development on flood risk. An Annual Report: A report with recommendations on how to improve elements of the flood mapping program including the mapping products themselves, program performance metrics, standards, guidelines, map maintenance, delegation, and how to improve interagency and intergovernmental coordination.

20e. Why is it necessary to close and/or partially closed committee meetings?

Not Applicable

21. Remarks

Designated Federal Officer

Michael M Nakagaki Program Specialist

Committee Members	Start	End	Occupation	Member Designation
Bellomo, Douglas	10/01/2017	09/30/2019	USACE, Institute for Water Resources	Representative Member
Butgereit, Richard	09/30/2014	10/01/2019	GIS Administrator	Representative Member
Giberson, Scott	10/01/2017	09/30/2019	CoreLogic Flood Services	Special Government Employee (SGE) Member
Johnson, Carey	10/01/2017	09/30/2019	Kentucky Division of Water	Representative Member
Rodriguez, Luis	06/15/2015	10/01/2018	Federal Emergency Management Agency	Regular Government Employee (RGE) Member
Ruiz, Javier	02/01/2015	10/01/2018	National Geospatial Center of Excellence	Regular Government Employee (RGE) Member

Number of Committee Members Listed: 6

Narrative Description

FEMA's Mission Statement: "FEMA's mission is to support our citizens and first responders to ensure that as a nation we work together to build, sustain, and improve our capability to prepare for, protect against, respond to, recover from, and mitigate all hazards." FROM FEMA's Strategic Plan: • Strategic Priority 4, Enable Disaster Risk Reduction Nationally. o Objective 4.1: provide credible and actionable data and tools to support risk-informed decision-making. "...FEMA will also ensure that future risks, including those influenced by climate change, are effectively integrated into the Agency's risk assessment resources and processes." o Objective 4.3: Enhance the Effectiveness, financial stability, and affordability of the National Flood Insurance Program. "...The Biggert-Waters Flood Insurance Reform Act of 2012 (BW-12) and the Homeowner Flood Insurance Affordability Act of 2014 affect all the major components of the NFIP, including...flood hazard mapping." "...To improve its solvency, the NFIP will explore ways to develop and implement more accurate methods of calculating risk." How the TMAC supports the agency's mission and its strategic plan: Flooding is one of the costliest natural hazards in the United States. A significant portion of the costs associated with flooding is offset by the National Flood Insurance Program (NFIP), which is administered by FEMA. The NFIP is estimated to save the Nation 1.6 billion annually in avoided flood losses. A key component of the NFIP is Flood Insurance Rate Maps (FIRMs). FIRMs are used inform communities about the local flood risk and help set minimum floodplain standards to enable communities to build safely and resiliently. FIRMs are also used to set premiums for flood insurance under the NFIP. The Technical Mapping Advisory Council (TMAC), authorized by BW-12, will review the technical credibility of FIRMs (as

required by the Homeowner Affordability Act of 2014); and provide recommendations to the FEMA Administrator on (1) ways to improve the flood mapping process, and (2) how to consider the impacts of future flooding conditions caused by climate change and future development (required by BW-12).

What are the most significant program outcomes associated with this committee?

Checked if Applies

- | | |
|---|-------------------------------------|
| Improvements to health or safety | <input type="checkbox"/> |
| Trust in government | <input checked="" type="checkbox"/> |
| Major policy changes | <input checked="" type="checkbox"/> |
| Advance in scientific research | <input type="checkbox"/> |
| Effective grant making | <input type="checkbox"/> |
| Improved service delivery | <input type="checkbox"/> |
| Increased customer satisfaction | <input type="checkbox"/> |
| Implementation of laws or regulatory requirements | <input checked="" type="checkbox"/> |
| Other | <input type="checkbox"/> |

Outcome Comments

Not Applicable

What are the cost savings associated with this committee?

Checked if Applies

- | | |
|----------------------------|-------------------------------------|
| None | <input type="checkbox"/> |
| Unable to Determine | <input checked="" type="checkbox"/> |
| Under \$100,000 | <input type="checkbox"/> |
| \$100,000 - \$500,000 | <input type="checkbox"/> |
| \$500,001 - \$1,000,000 | <input type="checkbox"/> |
| \$1,000,001 - \$5,000,000 | <input type="checkbox"/> |
| \$5,000,001 - \$10,000,000 | <input type="checkbox"/> |
| Over \$10,000,000 | <input type="checkbox"/> |
| Cost Savings Other | <input type="checkbox"/> |

Cost Savings Comments

Not Applicable

What is the approximate Number of recommendations produced by this committee for the life of the committee?

50

Number of Recommendations Comments

NA

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

0%

% of Recommendations Fully Implemented Comments

Not Applicable

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

0%

% of Recommendations Partially Implemented Comments

Not Applicable

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☐ No ☒ Not Applicable ☐

Agency Feedback Comments

Not Applicable

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

Reorganized Priorities	<input type="checkbox"/>
Reallocated resources	<input type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input type="checkbox"/>
Other	<input type="checkbox"/>

Action Comments

Not Applicable

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

Not Applicable

How is access provided to the information for the Committee's documentation?

Checked if Applies

- | | |
|---------------------------|-------------------------------------|
| Contact DFO | <input type="checkbox"/> |
| Online Agency Web Site | <input type="checkbox"/> |
| Online Committee Web Site | <input type="checkbox"/> |
| Online GSA FACA Web Site | <input checked="" type="checkbox"/> |
| Publications | <input type="checkbox"/> |
| Other | <input type="checkbox"/> |

Access Comments

Not Applicable